

AMENDMENTS TO THE CLAIMS

1. (Original) A display of the type having both an activated, “on”, state and an inactivated, “off”, state, and being switchable between the two, which display incorporates a capacitance sensor, able to detect the near presence of a user, together with circuitry arranged to utilise the output of this sensor to effect activation of the display accordingly.

2. (Original) A display according to claim 1, in which the display comprises an electroluminescent display.

3. (Currently amended) A display according to claim 1 ~~or claim 2~~, in which the capacitance sensor comprises a pair of spaced electrodes and electronics arranged to measure the capacitance of the pair and to output a signal in dependence thereon.

4. (Currently amended) A display according to claim 2 ~~and claim 3~~, in which the electroluminescent display comprises a front electrode arranged to activate light-emitting areas of the electroluminescent display, and in which one of the pair of electrodes of the capacitance sensor is the front electrode.

5. (Original) A display according to claim 4, in which the other of the pair of electrodes forms one of a case of the display and a power terminal of a circuit arranged to drive and control the display.

6. (Original) A display according to claim 5 in which the power terminal is a ground terminal.

7. (Currently amended) A display according to claim 4 ~~any of claims 4 to 6~~ in which a diode is provided to protect the capacitance sensor or means to effect activation from a voltage present at the front electrode.

8. (Currently amended) A display according to ~~any preceding~~ claim 1, in which the capacitance sensor comprises a capacitance and the display is arranged to detect the time taken to charge the capacitance to a specific value.

9. (Original) A display according to claim 8, in which the display is arranged to charge the capacitance at two or more charging rates.

10. (Original) A display according to claim 9, in which the display is arranged to charge the capacitance at a first rate for a first period of time so as to charge the capacitance to close to a threshold voltage, followed by a second, significantly slower, rate, until the threshold voltage is reached.

11. (Original) A display according to claim 10, in which the display is arranged to detect a change in the time taken to reach the threshold voltage to indicate the presence of a user.

12. (Currently amended) A display according to claim 10 ~~or claim 11~~, in which the display is arranged to adjust the first period of time by feedback from the time taken to charge the capacitance to the threshold voltage.

13. (New) A electroluminescent display of the type having both an activated, “on”, state and an inactivated, “off”, state, and which is arranged to be switched between the two states, in which the display incorporates a capacitance sensor comprising a pair of spaced electrodes and electronics arranged to measure the capacitance of the pair and to output a signal in dependence thereon, wherein one of the pair of electrodes is a front electrode arranged to activate light-emitting areas of the electroluminescent display and the other electrode of the pair forms one of a case of the display and a power terminal of a circuit arranged to drive and control the display, the electronics being further arranged to process the signal and to determine the near presence of a user and further to effect activation of the display accordingly in dependence of the presence of the user.